

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Previously Presented) A regime or regimen as defined by Claim 27, wherein said (i) at least one hydrolase polypeptide having amidase activity, or precursor thereof, and said (ii) at least one activator of said at least one hydrolase polypeptide (i), are formulated into (iii) a topically applicable, physiologically acceptable medium therefor to form a topically applicable cosmetic/dermatological composition which is applied to said skin.

2. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said at least one hydrolase polypeptide having amidase activity comprises a polypeptide having aspartylglucosaminidase activity, or precursor thereof.

3. (Previously Presented) The regime or regimen as defined by Claim 2, wherein said polypeptide having aspartylglucosaminidase activity is selected from the group consisting of:

(a) a polypeptide of human origin or a homologue of said polypeptide having aspartylglucosaminidase activity;

(b) an enzymatic or biomimetic analogue of said polypeptide (a), having aspartylglucosaminidase activity;

(c) a fragment of said polypeptide (a), said fragment having aspartylglucosaminidase activity;

(d) a polypeptide or an enzymatic analogue or fragment of polypeptide (a), (b) or (c) in an active form of the heterodimer or heterotetramer type; and

(e) a modified polypeptide or a modified enzymatic analogue or a modified polypeptide fragment (a), (b) or (c).

4. (Previously Presented) The regime or regimen as defined by Claim 3, wherein said composition comprises a polypeptide of human origin having aspartylglucosaminidase activity, isolated and purified from the *stratum corneum* of the human epidermis and having an apparent molecular mass ranging from 10 to 50 kD.

5. (Previously Presented) The regime or regimen as defined by Claim 4, wherein said apparent molecular mass ranges from 15 to 48 kD.

6. (Previously Presented) The regime or regimen as defined by Claim 5, wherein said apparent molecular mass ranges from 15 to 24 kD.

7. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said at least one hydrolase polypeptide having amidase activity comprises a polypeptide of natural origin.

8. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said at least one hydrolase polypeptide having amidase activity comprises a recombinant polypeptide.

9. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said at least one hydrolase polypeptide having amidase activity comprises from 10^{-6} to 5% by weight of the composition.

10. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said at least one hydrolase polypeptide having amidase activity comprises from 10^{-4} to 1% by weight of the composition.

11. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said at least one hydrolase polypeptide having amidase activity comprises from 0.001% to 0.1% by weight of the composition.

12. (Cancelled)

13. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said activator comprises from 0.01% to 50% by weight of the composition.

14. (Currently Amended) The regime or regimen as defined by ~~Claim 12~~ Claim 13, wherein said activator comprises from 0.1% to 1% by weight of the composition.

15. (Cancelled)

16. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said composition further comprises at least one other desquamating agent.

17. (Previously Presented) The regime or regimen as defined by Claim 16, wherein said composition further comprises at least one β -hydroxy acid; α -hydroxy acid; α - or β -keto acid; urea; gentisic acid; oligofucoses; cinnamic acid; Saphora japonica extract; resveratrol or derivative thereof; glycosidase, *stratum corneum* chymotryptic enzyme (SCCE) or other serine or cysteine protease; chelating agent; aminosulphonic compound; sugar derivative; reducing agent and/or retinoid.

18.-20. (Cancelled)

21. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said composition further comprises at least one moisturizing agent; propigmenting agent; agent stimulating the synthesis of dermal or epidermal macromolecules and/or preventing the degradation thereof; agent stimulating the proliferation or differentiation of keratinocytes; relaxing agent; antipollution and/or anti-free radical agent; UV-screening agent; permeating agent; cicatrizing agent; or mixture thereof.

22.-23. (Cancelled)

24. (Currently Amended) A regime or regimen as defined by Claim 27 for promoting desquamation of the skin and/or for promoting hydration of the skin and/or for promoting cell renewal in the skin and/or for promoting cell proliferation in the skin and/or for promoting cell differentiation in the skin and for thus treating hyperkeratosis, xerosis, ~~ichthyosis~~ ichthyosis, psoriasis or reactive keratosis, comprising topically applying onto the skin of an individual in need of such treatment, thus effective amounts of (i) at least one hydrolase polypeptide having amidase activity, or precursor thereof, and (ii) at least one activator of said at least one hydrolase polypeptide (i).

25. (Previously Presented) A regime or regimen as defined by Claim 27 for promoting desquamation of the skin and/or for promoting hydration of the skin and/or for promoting cell renewal in the skin and/or for promoting cell proliferation in the skin and/or for promoting cell differentiation in the skin and for thus promoting cicatrization, comprising topically applying onto the skin of an individual in need of such treatment, thus effective amounts of (i) at least one hydrolase polypeptide having amidase activity, or precursor thereof, and (ii) at least one activator of said at least one hydrolase polypeptide (i).

26. (Cancelled)

27. (Previously Presented) A regime or regimen for promoting desquamation of the skin and/or for promoting hydration of the skin and/or for promoting cell renewal in the skin and/or for promoting cell proliferation in the skin and/or for promoting cell

differentiation in the skin of an individual in need of such treatment, comprising topically applying thereon thus effective amounts of (i) at least one hydrolase polypeptide having amidase activity, or precursor thereof, and (ii) at least one activator of said at least one hydrolase polypeptide (i).

28. (Currently Amended) A regime or regimen as defined by Claim 27 for promoting desquamation of the skin and/or for promoting hydration of the skin and/or for promoting cell renewal in the skin and/or for promoting cell proliferation in the skin and/or for promoting cell differentiation in the skin and for thus facilitating the penetration into the skin of a cosmetic/dermatological active agent, comprising[[,]] ~~therewith~~, topically applying onto the skin of an individual in need of such treatment thus effective amounts of (i) at least one hydrolase polypeptide having amidase activity, or precursor thereof, and (ii) at least one activator of said at least one hydrolase polypeptide (i).

29. (Previously Presented) A regime or regimen as defined by Claim 27 for promoting desquamation of the skin and/or for promoting hydration of the skin and/or for promoting cell renewal in the skin and/or for promoting cell proliferation in the skin and/or for promoting cell differentiation in the skin and for thus combating bacterial adhesion to the skin, comprising topically applying onto the skin of an individual in need of such treatment, thus effective amounts of (i) at least one hydrolase polypeptide having amidase activity, or precursor thereof, and (ii) at least one activator of said at least one hydrolase polypeptide (i).

30.-31. (Cancelled)

32. (Previously Presented) A regime or regimen for promoting desquamation of the skin and/or for promoting hydration of the skin and/or for promoting cell renewal in the skin of an individual in need of such treatment, comprising topically applying thereon a thus effective amount of at least one compound selected from the group consisting of (i) a hydrolase polypeptide having amidase activity, or precursor thereof, and (ii) an activator of said hydrolase polypeptide.

33. (Previously Presented) A regime or regimen as defined by Claim 27, wherein said at least one hydrolase polypeptide having amidase activity is at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase AGA.

34. (Previously Presented) A regime or regimen as defined by Claim 32, wherein said at least one hydrolase polypeptide having amidase activity is at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase AGA.

35. (Previously Presented) A regime or regimen as defined by Claim 1, wherein said at least one hydrolase polypeptide having amidase activity is at least one compound selected from the group consisting of asparaginase, glutaminase,

amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase AGA.

36. (Previously Presented) A regime or regimen as defined by Claim 16, wherein said at least one hydrolase polypeptide having amidase activity is at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase AGA.

37. (Previously Presented) A regime or regimen as defined by Claim 17, wherein said at least one hydrolase polypeptide having amidase activity is at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase AGA.

38. (Previously Presented) A regime or regimen as defined by Claim 21, wherein said at least one hydrolase polypeptide having amidase activity is at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase AGA.

39. (Previously Presented) A regime or regimen as defined by Claim 24, wherein said at least one hydrolase polypeptide having amidase activity is at least one compound selected from the group consisting of asparaginase, glutaminase,

amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase AGA.

40. (Previously Presented) A regime or regimen as defined by Claim 25, wherein said at least one hydrolase polypeptide having amidase activity is at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase AGA.

41. (Previously Presented) A regime or regimen as defined by Claim 28, wherein said at least one hydrolase polypeptide having amidase activity is at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase AGA.

42. (Previously Presented) A regime or regimen as defined by Claim 29, wherein said at least one hydrolase polypeptide having amidase activity is at least one compound selected from the group consisting of asparaginase, glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase, pentanamidase and aspartylglucosaminidase AGA.